

Comparisons of Job Characteristics

Focus Occupation: [Hazardous Materials Removal Workers \(47-4041\)](#)

Associated Occupation: [Tank Car, Truck, and Ship Loaders \(53-7121\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 56

Focus Occupation: Hazardous Materials Removal Workers (47-4041)

Associated Occupation: Tank Car, Truck, and Ship Loaders (53-7121)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Production and Processing	6.0	17.2	6.2	<<	Extensive education and/or training may be required
Mechanical	6.8	14.7	11.5	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	14.1	9.1	<<	Extensive education and/or training may be required
Administration and Management	8.4	12.8	8.1	<<	Extensive education and/or training may be required
Transportation	4.6	12.3	8.4	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 86

Focus Occupation: Hazardous Materials Removal Workers (47-4041)

Associated Occupation: Tank Car, Truck, and Ship Loaders (53-7121)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	11.4	9.7	<	A higher skill level may be required
Operation and Control	5.4	10.8	10.3	0	Current skill level may be sufficient
Equipment Selection	3.3	7.4	6.2	<	A higher skill level may be required
Troubleshooting	4.5	7.4	7.3	0	Current skill level may be sufficient
Equipment Maintenance	3.5	6.7	6.7	0	Current skill level may be sufficient
Repairing	3.4	6.6	5.8	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 71			
Focus Occupation: Hazardous Materials Removal Workers (47-4041) Associated Occupation: Tank Car, Truck, and Ship Loaders (53-7121)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Multilimb Coordination	6.0	12.6	12.2	0	Current ability level may be sufficient
Control Precision	6.6	12.1	12.9	0	Current ability level may be sufficient
Depth Perception	5.3	11.8	10.1	<	Some improvement in abilities may be required
Static Strength	5.0	11.8	7.5	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	11.1	8.5	<<	Extensive improvement in abilities may be required
Far Vision	7.8	11.0	9.4	<	Some improvement in abilities may be required
Perceptual Speed	7.4	10.7	8.8	<	Some improvement in abilities may be required
Auditory Attention	5.9	10.2	7.1	<<	Extensive improvement in abilities may be required
Rate Control	3.8	10.2	8.2	<	Some improvement in abilities may be required
Gross Body Equilibrium	3.2	8.9	5.3	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	8.0	5.3	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	7.6	5.1	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	5.5	3.7	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 80
Focus Occupation: Hazardous Materials Removal Workers (47-4041) Associated Occupation: Tank Car, Truck, and Ship Loaders (53-7121)		
Work Activities	Exclusivity of Activity	
Maintain production or work records	19	
Operate cleaning equipment	75	
Operate material moving, loading, or unloading equipment	75	
Perform safety inspections in transportation setting	62	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Hazardous Materials Removal Workers (47-4041)
Associated Occupation: Tank Car, Truck, and Ship Loaders (53-7121)

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.